

Listing of Claims

The following listing of claims will replace all prior versions, and listings, of claims in the subject application:

Claims 1-3 (canceled).

4. (currently amended) A method for adhering parts to a target with light energy curable adhesive, said method comprising the steps of:

positioning a part and an adhering target at a prescribed relative position;

providing a coating device to coat plural sections between the part and the adhering target with light energy curable adhesive and coating the plural sections between the part and the adhering target with [[a]] the light energy curable adhesive;

irradiating light energy through a light intensity changing filter to the light energy curable adhesive at one or more of the plural sections, the irradiated light energy being regulated by the light intensity changing filter;

generating a curing shrinkage force in the light energy curable adhesive at the one or more of the plural sections, said shrinkage force causing the part and the target to be relatively displaced from each other;

changing, with the light intensity changing filter, an intensity of the irradiated light ~~irradiation energy~~ such that the light energy curable adhesive at the one or more of the plural sections experiences a change in irradiation energy when the part and the target are relatively displaced from each other in the course of shrinkage of the light energy curable adhesive so that at least one of the curing shrinkage forces are changed and stresses generated by the curing

shrinkage forces are offset,

the irradiation energy being changed by an irradiation control device by turning on and off a light energy irradiation device irradiating the light energy; and

adhering the part to the adhering target while maintaining the part and target at the prescribed position,

wherein said curing shrinkage forces are adjusted to be even by selectively irradiating the light energy to the light energy curable adhesive at at least one of the plural sections so that one of an amount and a direction of at least one of the stresses can be changed to be offset.

Claims 5-18 (canceled).

19. (previously presented) The method of claim 4, further comprising providing a position detecting device to detect a relative position between the part and the adhering target, and detect displacement of the part from the adhering target.

20. (previously presented) The method of claim 19, further comprising providing a feedback device to feed back detection results from the position detecting device to the irradiation control device.

Claims 21 and 22 (canceled).

23. (new) The method of claim 19, further comprising providing an irradiation area changing device including a mask to adjust an irradiation area to which the light energy is

applied.